### One-month Stress Periods

ESHMC 6 March 2008

B. Contor

## Two questions:

- What is a month?
- When do we stop?

#### What is a month?

# Bryce's preference: Uniform 30.4375-day periods (365.25/12)

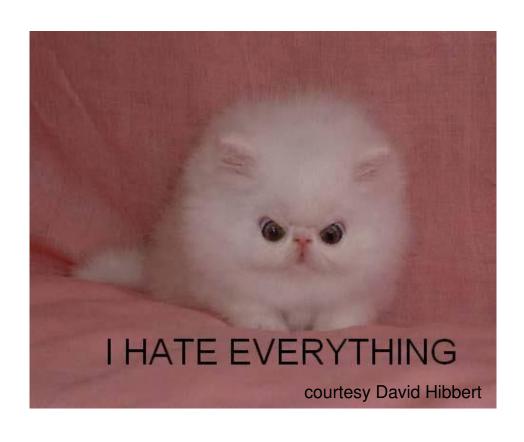
- Blunders are less likely
- More efficient processing
- Errors are small
  - 1% to 2% in "big water" months
  - 6% to 9% in February(low recharge & disch)



courtesy David Hibbert

### What is a month?

Alternative: Use actual calendar length (31, 29, 30, 31, 30, 31, 31, 30 ...)



Nominally "more correct"

## Other brilliant Ideas?



# When do we stop?

- 30 April 2006
  - + nearly all "real" data

- 30 April 2008
  - + if there is going to be a mass measurement, we get to use it
  - many estimated & synthesized values in the last 18 to 24 months

Either way, IWRRI will gather the most recent available data

